

Please type a plus sign (+) inside this box →



PTO/SB/05 (08-00) (modified)

Approved for use through 9/30/2001, OMB 0651-0022

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

NEW UTILITY PATENT APPLICATION TRANSMITTAL

(only for new nonprovisional applications under

37 CFR 1.53(b))

Attorney Docket Number 21676-06533 (CT-4)

First Named Inventor Anthony J. P. O'Toole

Title DYNAMICALLY-ASSIGNED VOICE
AND DATA CHANNELS IN A
DIGITAL-SUBSCRIBER LINE (DSL)

Express Mail Label No. EL734639746US

APPLICATION ELEMENTS

1. ☒ Fee Transmittal Form (in duplicate)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27
3. ☒ Specification Total Pages
(preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross Reference(s) to Related Case(s)
 - Statement Regarding Fed sponsored R & D
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawing(s)
 - Detailed Description
 - Claim or Claims
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) Total Sheets
5. Oath or Declaration
 - a. ☐ New Declaration Total Pages
☐ Executed (original or copy)
 - b. ☒ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b)
6. ☒ Application Data Sheet. See 37 CFR 1.76

ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ Certified Copy of Priority Document(s) (if foreign priority
is claimed)
9. ☐ Power of Attorney or Authorization of Agent
10. ☐ 37 CFR 3.73(b) Statement
11. ☐ Preliminary Amendment
12. ☐ Information Disclosure Statement & PTO-1449
☐ Copies of IDS Citation(s)
13. ☐ Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form
PTO/SB/35 or its equivalent
14. ☒ Return Postcard
15. ☐
16. ☐
17. ☐

ADDRESS TO:

Box Patent Application
Commissioner for Patents
Washington, D.C. 20231

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: ____/____

Prior application information: Examiner: _____ Group/Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuing or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number and Bar Code
Label



00758

Name (Print/Type)	Robert A. Hulse	Registration No. (Attorney/Agent)	48,473
Signature		Date	12/20/01

21676/06533/SF/5065409.1

0002/PTO(modified) Rev. 10/2001	U.S. Department of Commerce Patent and Trademark Office	Complete if Known	
FEE TRANSMITTAL TOTAL AMOUNT OF PAYMENT Subtotal (1) + Subtotal (2) + Subtotal (3) = (\$1028.00)		Application Number	NEW APPLICATION
		Filing Date	December 20, 2001
		First Named Inventor	Anthony J.P. O'Toole, et al.
		Group Art Unit	Not yet known
		Examiner Name	Not yet known
		Attorney Docket Number	21676-06533 (CT-4)

METHOD OF PAYMENT	FEE CALCULATION (continued)																																																																																								
1. The Commissioner is hereby authorized to: <input type="checkbox"/> Charge the indicated fees to the below mentioned deposit account. <input checked="" type="checkbox"/> Charge any additional fee required under 37 CFR 1.16 - 1.21 or credit any over payments to the below mentioned deposit account.† <input type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27 Deposit Account Number: 19-2555 Deposit Account Name: FENWICK & WEST LLP A Duplicate Copy of this authorization is attached 2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Other	3. ADDITIONAL FEES <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Large Entity</u> Fee Code/Fee</th> <th style="text-align: left;"><u>Small Entity</u> Fee Code/Fee</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: right;">Fee Due</th> </tr> </thead> <tbody> <tr> <td>105/\$130</td> <td>205/\$65</td> <td>Surcharge - late filing fee or oath</td> <td style="text-align: right;">[]</td> </tr> <tr> <td>127/\$50</td> <td>227/\$25</td> <td>Surcharge-late provisional filing fee or cover sheet</td> <td style="text-align: right;">[]</td> </tr> <tr> <td>147/\$2,520</td> <td>147/\$2,520</td> <td>For filing a request for reexamination</td> <td style="text-align: right;">[]</td> </tr> <tr> <td>115/\$110</td> <td>215/\$55</td> <td>Extension for response within first month†</td> <td style="text-align: right;">[]</td> </tr> <tr> <td>116/\$400</td> <td>216/\$200</td> <td>Extension for response within second month†</td> <td style="text-align: right;">[]</td> </tr> <tr> <td>117/\$920</td> <td>217/\$460</td> <td>Extension for response within third month†</td> <td style="text-align: right;">[]</td> </tr> <tr> <td>118/\$1,440</td> <td>218/\$720</td> <td>Extension for response within fourth month†</td> <td style="text-align: right;">[]</td> </tr> <tr> <td>128/\$1,960</td> <td>228/\$980</td> <td>Extension for response within fifth month†</td> <td style="text-align: right;">[]</td> </tr> <tr> <td>119/\$320</td> <td>219/\$160</td> <td>Notice of Appeal</td> <td style="text-align: right;">[]</td> </tr> <tr> <td>141/\$1,280</td> <td>241/\$640</td> <td>Petition to revive unintentionally abandoned application</td> <td style="text-align: right;">[]</td> </tr> <tr> <td>142/\$1,280</td> <td>242/\$640</td> <td>Utility Issue Fee (Or Reissue)</td> <td style="text-align: right;">[]</td> </tr> <tr> <td>143/\$460</td> <td>243/\$230</td> <td>Design Issue Fee</td> <td style="text-align: right;">[]</td> </tr> <tr> <td>122/\$130</td> <td>122/\$130</td> <td>Petitions to the Commissioner</td> <td style="text-align: right;">[]</td> </tr> <tr> <td>126/\$180</td> <td>126/\$180</td> <td>Submission of Information Disclosure Statement</td> <td style="text-align: right;">[]</td> </tr> <tr> <td>179/\$740</td> <td>279/\$370</td> <td>Request for Continued Examination (RCE)</td> <td style="text-align: right;">[]</td> </tr> <tr> <td>581/\$40</td> <td>581/\$40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td style="text-align: right;">[]</td> </tr> <tr> <td>146/\$740</td> <td>246/\$370</td> <td>Filing a submission after final rejection (37 CFR 1.129(a))</td> <td style="text-align: right;">[]</td> </tr> <tr> <td>149/\$740</td> <td>249/\$370</td> <td>For each additional invention to be examined (37 CFR 1.129(b))</td> <td style="text-align: right;">[]</td> </tr> <tr> <td colspan="2" style="text-align: right;">Other fee (specify): []</td> <td colspan="2"></td> </tr> <tr> <td colspan="2" style="text-align: right;">Other fee (specify): []</td> <td colspan="2"></td> </tr> <tr> <td colspan="2" style="text-align: right;">SUBTOTAL (3)</td> <td colspan="2" style="text-align: right;">[] (\$)</td> </tr> </tbody> </table>	<u>Large Entity</u> Fee Code/Fee	<u>Small Entity</u> Fee Code/Fee	Fee Description	Fee Due	105/\$130	205/\$65	Surcharge - late filing fee or oath	[]	127/\$50	227/\$25	Surcharge-late provisional filing fee or cover sheet	[]	147/\$2,520	147/\$2,520	For filing a request for reexamination	[]	115/\$110	215/\$55	Extension for response within first month†	[]	116/\$400	216/\$200	Extension for response within second month†	[]	117/\$920	217/\$460	Extension for response within third month†	[]	118/\$1,440	218/\$720	Extension for response within fourth month†	[]	128/\$1,960	228/\$980	Extension for response within fifth month†	[]	119/\$320	219/\$160	Notice of Appeal	[]	141/\$1,280	241/\$640	Petition to revive unintentionally abandoned application	[]	142/\$1,280	242/\$640	Utility Issue Fee (Or Reissue)	[]	143/\$460	243/\$230	Design Issue Fee	[]	122/\$130	122/\$130	Petitions to the Commissioner	[]	126/\$180	126/\$180	Submission of Information Disclosure Statement	[]	179/\$740	279/\$370	Request for Continued Examination (RCE)	[]	581/\$40	581/\$40	Recording each patent assignment per property (times number of properties)	[]	146/\$740	246/\$370	Filing a submission after final rejection (37 CFR 1.129(a))	[]	149/\$740	249/\$370	For each additional invention to be examined (37 CFR 1.129(b))	[]	Other fee (specify): []				Other fee (specify): []				SUBTOTAL (3)		[] (\$)	
<u>Large Entity</u> Fee Code/Fee	<u>Small Entity</u> Fee Code/Fee	Fee Description	Fee Due																																																																																						
105/\$130	205/\$65	Surcharge - late filing fee or oath	[]																																																																																						
127/\$50	227/\$25	Surcharge-late provisional filing fee or cover sheet	[]																																																																																						
147/\$2,520	147/\$2,520	For filing a request for reexamination	[]																																																																																						
115/\$110	215/\$55	Extension for response within first month†	[]																																																																																						
116/\$400	216/\$200	Extension for response within second month†	[]																																																																																						
117/\$920	217/\$460	Extension for response within third month†	[]																																																																																						
118/\$1,440	218/\$720	Extension for response within fourth month†	[]																																																																																						
128/\$1,960	228/\$980	Extension for response within fifth month†	[]																																																																																						
119/\$320	219/\$160	Notice of Appeal	[]																																																																																						
141/\$1,280	241/\$640	Petition to revive unintentionally abandoned application	[]																																																																																						
142/\$1,280	242/\$640	Utility Issue Fee (Or Reissue)	[]																																																																																						
143/\$460	243/\$230	Design Issue Fee	[]																																																																																						
122/\$130	122/\$130	Petitions to the Commissioner	[]																																																																																						
126/\$180	126/\$180	Submission of Information Disclosure Statement	[]																																																																																						
179/\$740	279/\$370	Request for Continued Examination (RCE)	[]																																																																																						
581/\$40	581/\$40	Recording each patent assignment per property (times number of properties)	[]																																																																																						
146/\$740	246/\$370	Filing a submission after final rejection (37 CFR 1.129(a))	[]																																																																																						
149/\$740	249/\$370	For each additional invention to be examined (37 CFR 1.129(b))	[]																																																																																						
Other fee (specify): []																																																																																									
Other fee (specify): []																																																																																									
SUBTOTAL (3)		[] (\$)																																																																																							
1. FILING FEE <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Large Entity</u> Fee Code/Fee</th> <th style="text-align: left;"><u>Small Entity</u> Fee Code/Fee</th> <th style="text-align: left;">Description</th> <th style="text-align: right;">Fee Due</th> </tr> </thead> <tbody> <tr> <td>101/\$740</td> <td>201/\$370</td> <td>Utility Filing</td> <td style="text-align: right;">740</td> </tr> <tr> <td>106/\$330</td> <td>206/\$165</td> <td>Design Filing</td> <td style="text-align: right;">[]</td> </tr> <tr> <td>108/\$740</td> <td>208/\$370</td> <td>Reissue</td> <td style="text-align: right;">[]</td> </tr> <tr> <td>114/\$160</td> <td>214/\$80</td> <td>Provisional Filing</td> <td style="text-align: right;">[]</td> </tr> <tr> <td colspan="3" style="text-align: right;">SUBTOTAL (1)</td> <td style="text-align: right;">[] (\$740)</td> </tr> </tbody> </table>	<u>Large Entity</u> Fee Code/Fee	<u>Small Entity</u> Fee Code/Fee	Description	Fee Due	101/\$740	201/\$370	Utility Filing	740	106/\$330	206/\$165	Design Filing	[]	108/\$740	208/\$370	Reissue	[]	114/\$160	214/\$80	Provisional Filing	[]	SUBTOTAL (1)			[] (\$740)	2. CLAIMS <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Large Entity</u> Fee Code/Fee</th> <th style="text-align: left;"><u>Small Entity</u> Fee Code/Fee</th> <th style="text-align: left;">Fee Description</th> </tr> </thead> <tbody> <tr> <td>103/\$18</td> <td>203/\$9</td> <td>Claims in excess of 20</td> </tr> <tr> <td>102/\$84</td> <td>202/\$42</td> <td>Independent claims in excess of 3</td> </tr> <tr> <td>104/\$280</td> <td>204/\$140</td> <td>Multiple dependent claim</td> </tr> <tr> <td>109/\$84</td> <td>209/\$42</td> <td>Reissue independent claims over original patent</td> </tr> <tr> <td>110/\$18</td> <td>210/\$9</td> <td>Reissue claims in excess of 20 and over original patent</td> </tr> </tbody> </table>	<u>Large Entity</u> Fee Code/Fee	<u>Small Entity</u> Fee Code/Fee	Fee Description	103/\$18	203/\$9	Claims in excess of 20	102/\$84	202/\$42	Independent claims in excess of 3	104/\$280	204/\$140	Multiple dependent claim	109/\$84	209/\$42	Reissue independent claims over original patent	110/\$18	210/\$9	Reissue claims in excess of 20 and over original patent																																														
<u>Large Entity</u> Fee Code/Fee	<u>Small Entity</u> Fee Code/Fee	Description	Fee Due																																																																																						
101/\$740	201/\$370	Utility Filing	740																																																																																						
106/\$330	206/\$165	Design Filing	[]																																																																																						
108/\$740	208/\$370	Reissue	[]																																																																																						
114/\$160	214/\$80	Provisional Filing	[]																																																																																						
SUBTOTAL (1)			[] (\$740)																																																																																						
<u>Large Entity</u> Fee Code/Fee	<u>Small Entity</u> Fee Code/Fee	Fee Description																																																																																							
103/\$18	203/\$9	Claims in excess of 20																																																																																							
102/\$84	202/\$42	Independent claims in excess of 3																																																																																							
104/\$280	204/\$140	Multiple dependent claim																																																																																							
109/\$84	209/\$42	Reissue independent claims over original patent																																																																																							
110/\$18	210/\$9	Reissue claims in excess of 20 and over original patent																																																																																							
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">(Col. 1)</th> <th colspan="2" style="text-align: center;">(Col. 2)</th> <th colspan="2" style="text-align: center;">(Col. 3)</th> <th colspan="2"></th> </tr> <tr> <th style="text-align: center;">For</th> <th style="text-align: center;">No. of Existing Claims</th> <th style="text-align: center;">Highest No. Previously Paid For</th> <th style="text-align: center;">=</th> <th style="text-align: center;">Extra**</th> <th style="text-align: center;">Fee</th> <th style="text-align: center;">Fee Due</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">TOTAL</td> <td style="text-align: center;">22</td> <td style="text-align: center;">20 or 0</td> <td style="text-align: center;">=</td> <td style="text-align: center;">2</td> <td style="text-align: center;">18</td> <td style="text-align: center;">36.</td> </tr> <tr> <td style="text-align: center;">INDEP</td> <td style="text-align: center;">6</td> <td style="text-align: center;">3 or 0</td> <td style="text-align: center;">=</td> <td style="text-align: center;">3</td> <td style="text-align: center;">84</td> <td style="text-align: center;">252.</td> </tr> <tr> <td colspan="6" style="text-align: center;">[] First presentation of multiple dependent claim</td> <td style="text-align: center;">= 288</td> </tr> </tbody> </table>		(Col. 1)		(Col. 2)		(Col. 3)				For	No. of Existing Claims	Highest No. Previously Paid For	=	Extra**	Fee	Fee Due	TOTAL	22	20 or 0	=	2	18	36.	INDEP	6	3 or 0	=	3	84	252.	[] First presentation of multiple dependent claim						= 288																																																				
(Col. 1)		(Col. 2)		(Col. 3)																																																																																					
For	No. of Existing Claims	Highest No. Previously Paid For	=	Extra**	Fee	Fee Due																																																																																			
TOTAL	22	20 or 0	=	2	18	36.																																																																																			
INDEP	6	3 or 0	=	3	84	252.																																																																																			
[] First presentation of multiple dependent claim						= 288																																																																																			
* Subtract the greater number of Col. 2 ** If the difference between Col. 1 and Col. 2 is less than zero, then enter "0" in Col. 3		SUBTOTAL (2) [] (\$288.)																																																																																							

SUBMITTED BY		Complete (if applicable)	
Typed or Printed Name	Robert A. Hulse	Reg. Number	48,473
Signature		Date	12/20/01

21676/06533/SF/5065410.1

† Request for Extension of Time per 37 CFR 1.136 (a)(3) made hereby